

**REMARKS**

The Examiner's attention to the present application is noted with appreciation. In response to the Examiner's comments on priority, applicant notes that 10/382,971 discloses thin feed spacers, which are claimed in present claim 20, and U.S. Patent No. 6,558,537, which is the parent application of 09/907,092 discloses pulsing, which is claimed in many places in the present claims.

The Examiner provisionally rejected claims 1-29, 37-52, and 55-64 on the ground of nonstatutory obvious-type double patenting as being unpatentable over copending Application No. 10/759,750 in view of Wilson. Submitted herewith is a terminal disclaimer with respect to the '750 application in order to overcome this provisional rejection.

The Examiner rejected claims 11 and 60 under 35 U.S.C. 112, first paragraph as not being enabled. Claims 11 and 60 have been canceled.

The Examiner rejected claims 1-5, 8-10, 12-21, 24-29, 37-49, 55-59, and 61-64 under 35 U.S.C. 102(b) as being anticipated by Wilson. The Examiner also rejected claims 11, 22, 23, 30-36, 50-54, and 60 under 35 U.S.C. 103(a) as being unpatentable over Wilson in view of other references. These rejections are respectfully traversed, particularly as to the claims as amended. The two heads of Wilson do not comprise different swept volumes. Thus all of the claim limitations are not disclosed by the cited art.

The Examiner rejected claims 1-7, 37, 38, 56, and 57 under 35 U.S.C. 102(b) as being anticipated by Keefer. Such rejection is respectfully traversed, particularly as to the claims as amended. Neither Keefer nor any of the art cited disclose a hydraulically activated DPA valve. The equivalent valving assembly **13** of Keefer is operated manually by the pumping action of the user. The other art cited discloses valving which is activated via solenoids or like methods.

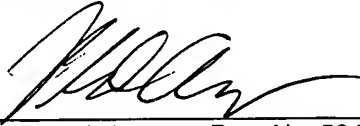
In view of the above amendments and remarks, it is respectfully submitted that all grounds of rejection and objection have been avoided and/or traversed. It is believed that the case is now in condition for allowance and same is respectfully requested.

If any issues remain, or if the Examiner believes that prosecution of this application might be expedited by discussion of the issues, the Examiner is cordially invited to telephone the undersigned agent for Applicant at the telephone number listed below.

Also being filed herewith is a Petition for Extension of Time to September 6, 2006 with the appropriate fee. A check for additional claim fees is also being filed herewith. Authorization is given to charge payment of any additional fees required, or credit any overpayment, to Deposit Acct. 13-4213. A duplicate of this paper is enclosed for accounting purposes.

Respectfully submitted,

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